

PHOSPHOR BASED LIGHT SOURCES HAVING A NON-PLANAR LONG PASS REFLECTOR AND METHOD OF MAKING

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ABSTRACT

A light source including an LED that emits excitation light, a layer a phosphor material positioned to receive the excitation light, the phosphor material emitting visible light when illuminated with the excitation light, and a first non-planar flexible multilayer reflector that reflects the excitation light and transmits visible light. The
10 non-planar flexible multilayer reflector is positioned to reflect LED light onto the phosphor material.